

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P253359

Luminaire Tested: **JW-WL-30L835-1D-UNV-STD-W-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P253359
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1707-177-20-R2)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: JW-WL-30L835-1D-UNV-STD-W-4
Description: JAYLUM WALL LED LUMINAIRE, FROSTED LENS.
Light Source: (112) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2974.2 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Spacing Criteria (0/90/45): 1.56 / 1.29 / 1.55
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Indirect

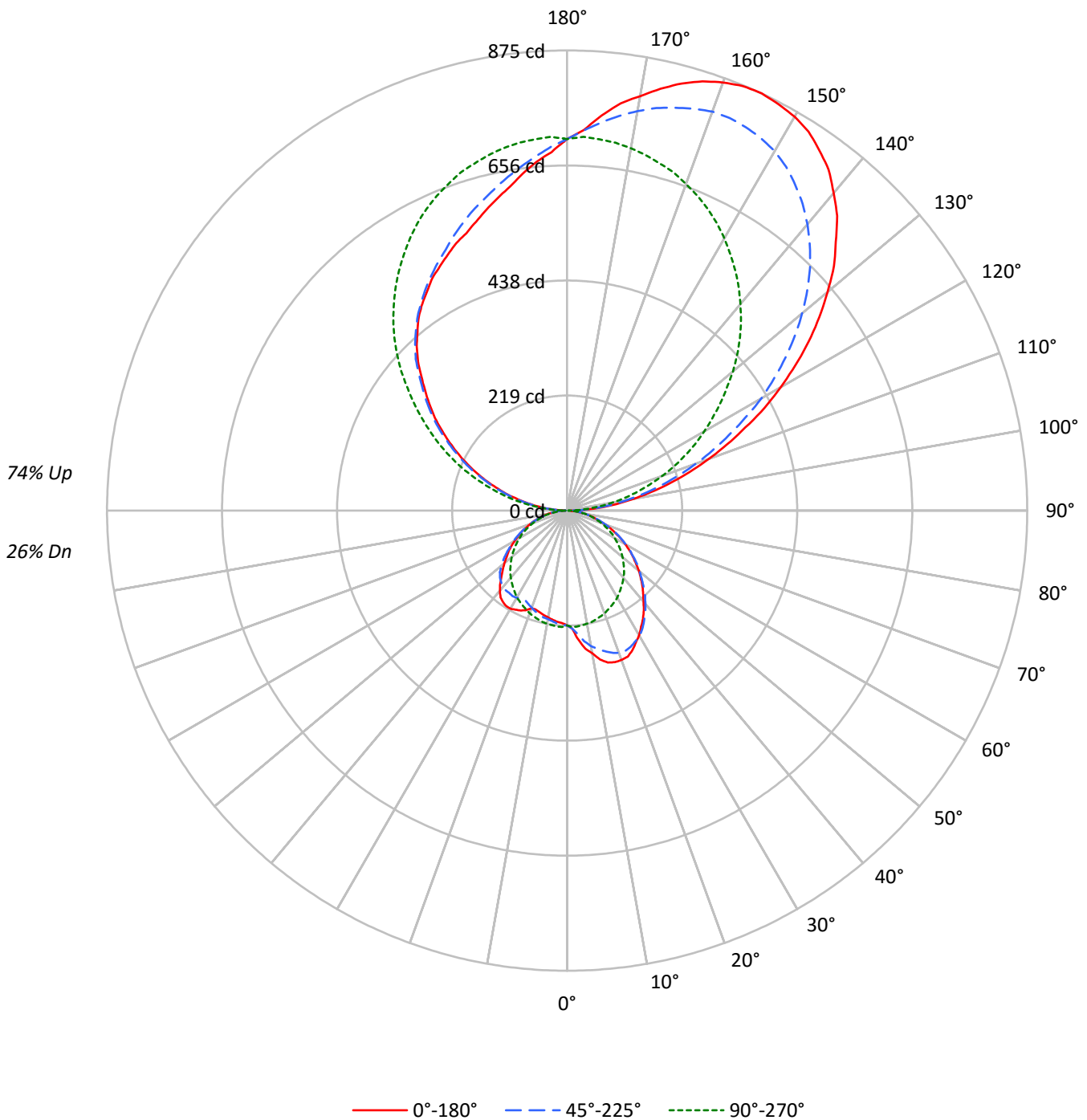
Input Watts (W): 24.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	0.7
10°-20°	66.9	2.2
20°-30°	107.3	3.6
30°-40°	134.7	4.5
40°-50°	141.0	4.7
50°-60°	127.2	4.3
60°-70°	97.6	3.3
70°-80°	57.9	1.9
80°-90°	20.8	0.7
90°-100°	50.0	1.7
100°-110°	159.8	5.4
110°-120°	271.3	9.1
120°-130°	359.2	12.1
130°-140°	400.9	13.5
140°-150°	383.1	12.9
150°-160°	309.5	10.4
160°-170°	198.0	6.7
170°-180°	67.5	2.3
0°-30°	195.9	6.6
0°-40°	330.6	11.1
0°-60°	598.7	20.1
0°-90°	775.0	26.1
90°-120°	481.1	16.2
90°-150°	1624.3	54.6
90°-180°	2199.0	73.9
0°-180°	2974.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	218	218	218	218	218	
5°	247	236	221	215	212	24
15°	299	277	214	204	200	84
25°	293	286	200	188	210	134
35°	251	255	179	192	212	157
45°	202	206	153	180	176	156
55°	153	154	121	141	136	136
65°	102	104	87	96	96	101
75°	54	55	51	55	55	56
85°	15	16	16	20	21	15
90°	6	4	2	3	3	7
95°	61	55	40	32	31	64
105°	204	185	138	119	117	216
115°	374	340	247	215	210	372
125°	561	506	355	312	307	500
135°	723	653	465	407	401	558
145°	836	756	557	483	480	523
155°	875	804	633	547	537	403
165°	841	793	683	613	592	238
175°	754	741	708	676	666	73
180°	706	706	706	706	706	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	218.4	218.4	218.4	218.4	218.4	218.4	218.4	218.4	218.4
2.5°	224.4	226.7	224.4	220.7	221.4	217.7	217.7	216.2	214.0
5°	246.9	244.6	236.4	222.9	221.4	216.2	215.4	214.0	212.5
7.5°	264.8	261.8	250.6	228.2	219.9	214.7	212.5	211.0	209.5
10°	275.3	273.1	261.8	234.1	218.4	212.5	209.5	208.0	206.5
12.5°	290.3	285.0	269.3	240.1	216.9	209.5	208.0	205.0	203.5
15°	299.2	296.2	276.8	244.6	214.0	206.5	204.2	202.0	200.5
17.5°	302.2	300.7	283.5	248.4	211.0	203.5	201.2	198.2	197.5
20°	302.2	300.7	288.0	248.4	208.0	199.0	196.7	195.2	197.5
22.5°	300.7	298.5	288.8	247.6	203.5	195.2	192.3	198.2	205.0
25°	293.2	294.7	285.8	246.1	199.7	190.8	188.5	205.7	209.5
27.5°	282.8	286.5	280.5	245.4	195.2	186.3	188.5	206.5	212.5
30°	273.8	275.3	276.0	243.9	190.8	181.0	191.5	209.5	215.4
32.5°	261.8	263.3	266.3	240.1	184.8	175.8	193.0	211.0	215.4
35°	251.4	252.9	255.1	235.6	178.8	170.6	191.5	208.7	212.5
37.5°	239.4	240.9	243.9	228.9	172.8	164.6	191.5	204.2	208.0
40°	225.9	228.2	231.2	221.4	166.8	157.8	190.0	199.7	199.0
42.5°	214.0	214.7	219.2	213.2	160.1	152.6	185.5	190.0	188.5
45°	202.0	202.7	205.7	203.5	152.6	148.9	180.3	178.8	176.5
47.5°	190.0	189.3	192.3	194.5	145.1	145.9	173.6	167.6	166.1
50°	178.0	177.3	179.5	183.3	137.6	142.1	163.1	157.1	155.6
52.5°	164.6	165.3	167.6	169.8	129.4	136.2	152.6	146.6	145.1
55°	152.6	152.6	154.1	156.3	121.2	131.7	140.6	136.2	136.2
57.5°	140.6	140.6	141.4	143.6	113.0	125.7	128.7	126.4	125.7
60°	127.2	127.9	128.7	131.7	104.0	118.9	118.2	116.0	115.2
62.5°	115.2	115.2	116.0	118.2	96.5	110.0	107.7	105.5	104.7
65°	101.7	103.2	104.0	107.0	86.8	101.0	95.8	95.8	95.8
67.5°	89.8	89.8	90.5	93.5	77.8	88.3	85.3	85.3	83.8
70°	76.3	77.8	77.8	80.8	68.8	76.3	74.8	75.6	74.8
72.5°	64.3	65.8	66.6	68.1	59.8	65.8	64.3	64.3	65.8
75°	53.9	53.9	55.4	56.1	50.9	54.6	54.6	55.4	55.4
77.5°	41.9	43.4	43.4	46.4	42.6	44.9	44.9	46.4	46.4
80°	31.4	32.9	32.9	37.4	33.7	35.2	35.9	37.4	37.4
82.5°	22.4	23.9	23.9	31.4	24.7	26.9	27.7	28.4	28.4
85°	15.0	15.0	16.5	23.9	16.5	18.7	19.5	20.9	20.9
87.5°	6.0	7.5	9.0	18.0	9.7	12.7	12.7	12.0	12.0
90°	6.0	6.0	4.5	12.0	2.2	3.7	3.0	3.0	3.0
92.5°	32.9	31.4	26.2	31.4	18.0	17.2	13.5	12.7	13.5
95°	61.3	59.8	54.6	50.9	40.4	35.2	32.2	31.4	31.4
97.5°	94.3	92.0	83.8	77.8	62.8	56.1	52.4	50.1	50.9
100°	127.2	124.9	116.0	106.2	87.5	78.5	73.3	71.1	71.8
102.5°	164.6	161.6	149.6	133.9	113.0	101.0	96.5	92.8	91.3
105°	203.5	199.0	184.8	165.3	138.4	125.7	118.9	115.2	116.7
107.5°	243.9	238.6	222.2	195.2	164.6	150.4	142.9	139.1	137.6
110°	285.8	279.8	260.3	228.2	191.5	174.3	165.3	162.3	161.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
112.5°	329.2	322.4	299.2	262.6	219.9	199.0	190.8	186.3	185.5
115°	374.0	365.1	339.6	295.5	246.9	225.2	214.7	210.2	209.5
117.5°	423.4	412.9	381.5	329.9	274.5	249.9	238.6	234.1	233.4
120°	468.3	457.8	426.4	363.6	300.7	273.8	263.3	258.1	257.3
122.5°	514.7	503.5	466.1	401.7	327.7	297.7	288.0	282.0	281.3
125°	561.1	546.8	506.5	437.6	355.3	320.2	312.0	306.0	306.7
127.5°	604.5	588.7	546.1	469.8	382.3	342.6	335.1	329.9	329.2
130°	646.3	630.6	583.5	501.2	411.4	365.1	358.3	352.3	351.6
132.5°	688.2	669.5	619.4	531.1	438.4	389.8	381.5	375.5	375.5
135°	722.6	706.9	653.1	561.1	464.6	411.4	407.0	401.0	401.0
137.5°	760.1	740.6	683.0	587.2	489.2	433.1	427.9	423.4	423.4
140°	788.5	769.0	710.7	611.9	512.4	454.1	447.4	442.1	442.9
142.5°	816.9	795.2	735.4	635.1	535.6	475.8	466.8	462.3	463.8
145°	836.4	816.2	756.3	655.3	557.3	496.0	483.3	479.5	480.3
147.5°	854.3	833.4	775.0	673.3	577.5	515.4	500.5	496.0	495.2
150°	864.8	845.3	789.2	689.0	597.7	534.9	516.2	509.4	511.7
152.5°	870.8	852.8	798.2	702.4	616.4	554.3	531.9	524.4	523.7
155°	875.3	855.8	804.2	713.7	632.9	572.3	546.8	537.9	537.1
157.5°	873.8	855.8	807.9	721.9	647.8	589.5	564.8	549.8	550.6
160°	866.3	850.6	807.2	729.4	660.6	605.9	581.3	563.3	561.1
162.5°	855.8	843.1	801.2	733.1	674.0	622.4	597.7	581.3	576.0
165°	840.8	829.6	793.0	733.1	683.0	636.6	612.7	597.0	592.5
167.5°	821.4	811.7	784.0	733.1	692.0	650.1	628.4	611.9	608.9
170°	800.4	793.7	771.3	728.6	699.5	662.8	644.8	629.1	625.4
172.5°	781.0	774.3	757.1	724.1	705.4	676.3	660.6	647.1	646.3
175°	754.1	750.3	740.6	718.2	708.4	686.0	676.3	665.8	665.8
177.5°	724.1	727.1	723.4	712.2	711.4	696.5	692.7	685.2	682.3
180°	706.2	706.2	706.2	706.2	706.2	706.2	706.2	706.2	706.2

(END OF REPORT)